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ABSTRACT

This resource catalog is designed to enable teachers and other educators to identify environmental education resources available in Michigan including organizations, interpretive facilities, travelling naturalists, major and minor curriculum materials, publications, workshops, and conferences. The resources listed and described in this guide are organized into five sections: (1) resources organizations; (2) educational facilities which emphasize environmental education; (3) curriculum materials; (4) periodicals and audio-visual materials; and (5) courses, seminars, and conferences. A map of the service regions of the Michigan United Conservation Clubs by county is included. (CW)

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The Conservation Catalog

A Resource Guide for Michigan Environmental and Conservation Educators.

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Researched and Written by
Sean R. Carruth

Cover by
Mitch Smith

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MICHIGAN UNITED CONSERVATION CLUBS
2101 Wood St. ● P.O. Box 30235 ● Lansing, MI 48909 ● 517/371-1041

Dear Michigan Educator:

Let me introduce you to the **"Conservation Catalog."** We believe it will enable teachers, naturalists, scout leaders, camp directors, and other educators to identify environmental education resources available to them here in Michigan. These resources include organizations, interpretive facilities, traveling naturalists, major and minor curricula materials, publications, workshops, and conferences.

The **Conservation Catalog** is certainly not a comprehensive list of every resource available. Such an undertaking would not be feasible and probably not be used. No educator would want to deal with a catalog the size of a phone book. But we believe it is a practical list of resources. It was often tough to "draw the line" on some resources, but it was necessary. When we felt a particular resource began to stray from our natural resources focus, we omitted it.

We have no doubt left off some person, organization, or material that you feel should be included. It may have been omitted intentionally, but more likely we weren't familiar with the resource. We have had several folks in the environmental education field review the catalog and suggest both additions and deletions to it. Nevertheless, we have left a detachable sheet at the end of the catalog for your recommendations and comments. They will be valuable when the catalog is updated.

Michigan United Conservation Clubs salutes all of those educators in Michigan who reach out to teach others about our valuable natural resources. Whether you teach youngsters how to use their outdoor skills safely and responsibly, or you discuss current environmental issues with college students, or you share your knowledge of Michigan's natural history with senior citizens, we hope the **Conservation Catalog** will enable you to improve your efforts.

Sincerely,

Thomas Washington
Executive Director

Sincerely,

Kevin Frailey
Education Director

The Michigan United Conservation Clubs (MUCC)

MUCC was founded in 1937 when representatives of 35 sportsmen's and conservation clubs met to discuss their concern over natural resources policy in Michigan. The representatives decided to band together and create an organization which would unite their statewide efforts and concerns.

Believing that all citizens of the state should have the right to recreate on our abundant lakes and streams, the newly formed group pushed for legislation that would build public access sites with money from fishing licenses. Since 1939, this legislation has helped create 670 public access sites in Michigan....more than the other 49 states combined.

In 1958, MUCC led a coalition of Upper Peninsula groups to mount a campaign which would block mining in an area of the Porcupine Mountains Wilderness State Park. In 1976, MUCC spearheaded the statewide effort to collect petition signature for the mandatory beverage container deposit. The "bottle bill" went into effect in 1978 and is considered one of the most successful pieces of environmental legislation in the state's history. It was MUCC's 1986 petition drive that forced Michigan lawmakers to amend the bottle bill to include wine coolers and mixed cocktails.

MUCC has gone to court with industry over dioxin levels in the Titabawassee River and fish kills in Lake Michigan. MUCC's "Wetlands Watch" program has been showcased and duplicated around the Nation. MUCC has helped block several efforts which would allow Great Lakes water to be diverted to western states and fought against year round navigation by freighters on our Great Lakes.

Yet with all of these achievements, MUCC is considered by many Michigan citizens to be concerned only with fish and wildlife issues. Even more surprising are those Michiganders who are totally unfamiliar with the Michigan United Conservation Clubs. Consider:

- MUCC has over 400 conservation organizations affiliated with it across the state.
- total membership, which includes individual members as well as club members, is over 130,000 making MUCC the largest statewide conservation organization in the entire country.
- MUCC has a current annual operating budget of over five million dollars.
- MUCC is the Michigan state affiliate of the National Wildlife Federation, our country's largest conservation organization.
- MUCC has a staff of over 50 employees, including attorneys, biologists, and education specialists.
- MUCC publishes its own monthly magazine, Michigan Out-of-Doors as well as an award winning magazine for upper elementary students called Tracks.
- MUCC's education programs reach over 250,000 children and adults each year.

The strength of MUCC lies in its diverse membership. From hunting and fly fishing to backyard bird watching and backpacking, all members share a deep commitment to protect our valuable natural resources and to create an environmentally literate citizenry.

How To Use This Catalog

The conservation catalog is divided into five separate sections, each with a major emphasis.

Section 1: Listing of address's and telephone number for resource organizations. These organizations are a good source of information and educational material.

Section 2: Listing of educational facilities which emphasize environmental education. These are great field trip opportunities. Also listed in this section are resource people who will visit your school, camp, or organization.

Section 3: Listing of curricula materials dealing with environmental sciences.

Section 4: Listing of environmental and outdoor oriented magazines. Listing of facilities which provide audio/visual materials

Section 5: Listing of opportunities to learn more about the outdoors through courses, conferences, and more.

Simply locate the section you want in the table of contents on the following page. The beginning of each section has a more detailed description of the resources located within the section. If you can't locate your resource through the table of contents, try the complete resource index in the back of the catalog. If you feel an important resource has been omitted from the catalog, please use the last page of the catalog to let us know.

For those of you trying to locate a nearby field trip or find out how far a visiting naturalist is willing to travel, the catalog has divided the state into eight geographic regions (see map on page 1). These regions are refered to in several sections of the catalog. If you are not sure of the counties listed in the regions, a complete listing of Michigan counties is found on page 2.

Table of Contents

Michigan Regional Map ---------- Page 1
Michigan Counties by Region ---------- Page 2

Section 1

Prominent Nonprofit Michigan Environmental and Conservation Organizations ---------- Page 6
Other Michigan Nonprofit Organizations You Should Know About ---------- Page 9
Government Resources Here in Michigan ---------- Page 11
Michigan Industries With Educational Materials ---------- Page 14
National or Regional Nonprofit Environmental and Conservation Groups ---------- Page 15

Section 2

List of Michigan Nature Centers and Outdoor Education Facilities ---------- Page 20
Traveling Naturalist/Science Outreach Presentations ---------- Page 25

Section 3

Curriculum Units and Supplements ---------- Page 32

Section 4

Science Publications with Frequent Emphasis on Environmental and Conservation Topics ---------- Page 42
Children's Science Publications ---------- Page 44
Regional Educational Media Center Locations ---------- Page 45
Sources of Environmental Audio-Visual Materials ---------- Page 47

Section 5

Environmental Education Workshops & Conferences ---------- Page 52
Major 1990 Calendar Dates ---------- Page 56

Index ---------- Page 58
Comment and Suggestion Sheet ---------- Page 67

MAP OF CONSERVATION CATALOG SERVICE REGIONS

MUCC

"Conservation through Education"

8

REGIONS

Region 1 Counties	Region 2 Counties	Region 3 Counties
Baraga	Alger	Antrim
Dickinson	Chippewa	Benzie
Gogebic	Delta	Charlevoix
Houghton	Luce	Emmet
Iron	Mackinac	Kalkaska
Keweenaw	Schoolcraft	Leelanau
Marquette		Manistee
Menominee		Missaukee
Ontonagon		Wexford

Region 4 Counties	Region 5 Counties	Region 6 Counties
Alcona	Clare	Arenac
Alpena	Clinton	Bay
Cheboygan	Gratiot	Genesee
Crawford	Ionia	Gladwin
Iosco	Isabella	Huron
Montmorency	Kent	Lapeer
Ogemaw	Lake	Midland
Oscoda	Mason	Saginaw
Otsego	Mecosta	St. Clair
Presque Isle	Montcalm	Sanilac
Roscommon	Muskegon	Shiawassee
	Newaygo	Tuscola
	Oceana	
	Osceola	
	Ottawa	

Region 7 Counties	Region 8 Counties
Allegan	Hillsdale
Barry	Ingham
Berrien	Jackson
Branch	Lenawee
Calhoun	Livingston
Cass	Macomb
Eaton	Monroe
Kalamazoo	Oakland
St. Joseph	Wayne
Van Buren	Washtenaw

SECTION 1

Section one (1) of the conservation catalog is a general listing of resource organizations which have an agenda that includes the education of citizens about our valuable natural resources. Most of these organizations have educational materials that may be obtained at no cost or low cost. A complete list of each organization's brochures, pamphlets and other material would be impossible so you will have to contact the individual organizations you are interested in.

Some of the organizations have very broadbased environmental interests while others are very focused on one particular part of the conservation movement. Yet all these groups are dedicated to a cleaner, healthier, environment. The first listing of groups are those larger, more noted organizations here in our state that operate with a nonprofit status. A brief description of their organization appears. Other Michigan nonprofits, which are similarly dedicated but smaller in nature , are also listed with address and phone numbers only.

Educators are often confused by the place of government agencies in the environmental picture. Many of them have materials, speakers, and facilities here in Michigan that could aid educators. A short description of these agencies is included.

There are many regional (Great Lakes) and national organizations which provide conservation materials to educators which are listed alphabetically. Finally, several industrial corporations have materials which can be used in environmental science. These are included as well.

Prominent Nonprofit Michigan Environmental and Conservation Organizations

Michigan United Conservation Clubs, (MUCC)
2101 Wood St., Box 30235, Lansing, MI 48909.
(517) 371-1041

Founded in 1937, the Michigan United Conservation Clubs is a statewide organization, affiliated with the National Wildlife Federation, primarily devoted to the wise use, conservation, aesthetic appreciation, and restoration of wildlife and other natural resources. MUCC now consists of 400 affiliated clubs and individual members totaling 130,000 members.

Magazine or Newsletter: "Michigan Out-of Doors", monthly publication.
Membership Fee: $15/year, $25/2 years, $300 life membership

Michigan Alliance for Environmental and Outdoor Education. (MAEOE)
Box 4487
East Lansing, MI. 48826-4487

MAEOE is an alliance of educators, students, naturalists, camp personnel, and citizens promoting public understanding of environmental and outdoor education. With over 300 members, they assist in the development and enrichment of school curriculum and work to provide environmental and outdoor education experiences for all persons.

Magazine or Newsletter: The MAEOE newsletter, published bimonthly.
Membership Fee: $5/year (student), $10/year (active).

The Nature Conservancy, Michigan Chapter
2840 E. Grand River Ave.
East Lansing, MI 48823
(517) 332-1741

The Nature Conservancy, founded in 1951, a national, nonprofit organization, is committed to the preservation of natural diversity by protecting land and water resources. The highest priority is given to land that supports rare or endangered species and is ecologically significant. The Michigan chapter was established in 1980 and today consists of over 13,000 members and 30,000 acres of protected land.

Magazine or Newsletter: "The Nature Conservancy Magazine," a national bimonthly publication, and the quarterly Michigan Chapter Newsletter.
Membership Fee: Fees range from a $10 introductory fee to a $1,000 life membership fee.

The Sierra Club, Michigan Chapter
115 West Allegan, Suite 330
Lansing, MI 48933
(517) 484-2372

The Sierra Club is an organization designed to explore, protect, and enjoy the land, water, and air through a network of chapters in every state and Canada. They operate on a wide range of natural resource issues and offer extensive outing programs. The Michigan chapter, founded in 1968, consists of 10 Michigan regional groups with 11,000 members.

Magazine or Newsletter: The national bimonthly "Sierra" magazine, and the "Mackinac," a quarterly Michigan magazine.
Membership Fee: Membership ranges from a $19 annual fee to a $750 lifetime fee. All fees include automatic membership in the national, state, and regional group of the Sierra Club.

Michigan Audubon Society
409 West E. Ave.
Kalamazoo, MI 49007
(616) 344-8648

Founded in 1904, the Michigan Audubon Society strives to achieve, through education, public recognition of the value and need for protecting and preserving wildlife, plants, soil, water, and other natural resources. The Michigan Audubon Society is one of two Michigan chapters. It affiliated with the National Audubon society in 1972 and consists of 10,000 members throughout the state. There are approximately 40 smaller local chapters affiliated with the Michigan Audubon Society.

Magazine or Newsletter: "Audubon," a national bimonthly publication, "Michigan Audubon News," a bimonthly newsletter, and the "Jack Pine Warbler," a quarterly journal.
Membership Fee: $35, includes joint membership in the national club.
NOTE: Some local chapters do not require state or national affiliation and memberships are less than $10 per year.

Detroit Audubon Society
121 South Main St.
Royal Oak, MI 48067
(313) 545-2929

This is the second of the two national chapters in Michigan. Founded in 1959, this organization now consists of over 8,000 members, mostly in the Detroit Metropolitan area.

Magazine or Newsletter: "Audubon," a national bimonthly publication, and "The Flyway Newsletter," published 10 times a year.
Membership Fee: $38, includes joint membership in the national club.

The Michigan Environmental Council
115 Allegan, Suite 10B
Lansing, MI 48933
(517) 487-9539

The Michigan Environmental Council (MEC) is a coalition of 18 individual organizations, representing 50,000 members. The council has no individual memberships. The MEC uses the influence of the 18 groups to lobby on environmental issues here in Michigan.

Magazine or Newsletter: The "Michigan Environmental Report," published monthly.
Membership Fee: Fees are those of the individual club you choose to join. Fee for the "Michigan Environmental Report" is $20/year for individuals.

West Michigan Environmental Action Council (WMEAC)
1432 Wealthy, SE
Grand Rapids, MI 49506
(616) 451-3051

The West Michigan Environmental Action Council provides leadership in environmental protection and preservation, primarily in western Michigan, on issues such as public lands management, solid and hazardous waste management, energy conservation and oil recycling. Founded in 1968, this organization now consists of over 700 members.

Magazine or Newsletter: The "Action Issue," a monthly newsletter.
Membership Fee: $10 for students, senior citizens, and low income families. $25 for regular annual membership.

East Michigan Environmental Action Council (EMEAC)
One Northland Plaza
Troy, MI 48098
(313) 879-6040

The East Michigan Environmental Action Council, founded in 1970, is a volunteer citizens' organization supported by memberships and by small foundation grants. They work in the public interest for responsible progress and a healthy environment.

Magazine or Newsletter: "Target Earth," a monthly newsletter.
Membership Fee: $20 for an annual membership.

Other Michigan Nonprofit Organizations You Should Know About

Ecology Center of Ann Arbor
417 Detroit St.
Ann Arbor, MI 48104
(313) 665-6398 / 761-3186

Flint Environmental Action Team
2701 Camdam
Flint, MI 48505
(313) 235-2002

Groundwater Education in Michigan
Institute of Water Research
Michigan State University
334 Natural Resources Bldg.
East Lansing, MI 48824-1222
(517) 353-3742

Little Traverse Conservancy
3264 Powell Road
Harbor Springs, MI 49740
(616) 347-0991

Michigan Bow Hunters
79 Kensington
Pleasant Ridge, MI 48069
(313) 398-8425

Michigan Conservation Foundation
107 N. Mitchell St. - Suite 3A
Cadillac, MI 49601
(616) 775-5035

Michigan Duck Hunters
Box 442
Oscoda, MI 48750

Michigan Lakes & Stream Association
Don Wynne
11262 Oak Ave.
Three Rivers, MI 49093
(616) 244-5336

Michigan Loon Protection Association
409 E Ave.
Kalamazoo, MI 49007

Michigan Natural Areas Council
University of Michigan
Botanical Gardens
1800 N. Dixboro Road
Ann Arbor, MI 48105
(313) 278-9269

Michigan Nature Association (MNA)
124 Miller
Mt. Clemens, MI 48043
(313) 468-1313

Michigan Recreation and Park Assoc.
2722 E. Michigan - Suite 201
Lansing, MI 48912
(517) 485-9888

Michigan Recycling Coalition
Box 10240
Lansing, MI 48901

Michigan Trappers Association
1648 South Oak Road
Grayling, MI 49738
(517) 348-9492

Mich. Wildlife Habitat Foundation
6425 South Pennsylvania
Lansing, MI 48909
(517) 882-3110

Michigan Wild Turkey Federation
Hugh Marx
20909 Pearl
Farmington Hills, MI 48024
(313) 477-6953

14

Other Michigan Nonprofit Organizations Continued

Northern Michigan Environmental Action Council
Phil Thiel
125 E. Front St.
Traverse City, MI 49684
(616) 946-6931

Public Interest and Resource Group in Michigan (PIRGIM)
4106 Michigan Union
University of Michigan
Ann Arbor, MI 48109
(313) 662-6597

Rails to Trails Conservancy
Michigan Chapter
Box 23032
Lansing, MI 48909

Safari Clubs of Michigan
6915 Georgetown
Hudsonville, MI 49426

SEE North (Science and Environmental Education - North)
U of Michigan Biological Station
Pellston, MI 49769
(616) 539-8406

Tip of the Mitt Watershed Council
Box 300
Conway, MI 49722
(616) 347-1181

U.P. Sportsmans Alliance
Box 524
Iron River, MI 49935
(906) 265-9642

Wildflower Association of Michigan
Box 4460
East Lansing, MI 48826-4460

Government Resources Here in Michigan

Michigan Department of Natural Resources: Listed below are the DNR divisions that are most useful to Michigan educators. All of them have some environmental education materials. Some may provide a guest speaker. Please contact the division(s) which interest you.

Air Quality Division
4th Floor, Mason Bldg.
Box 30028
Lansing, MI 48909
(517) 373-7023

Fisheries Division
4th Floor, Mason Bldg.
Box 30028
Lansing, MI 48909
(517) 373-1280

Forest Management Division
5th Floor, Mason Bldg.
Box 30028
Lansing, MI 48909
(517) 373-1275

Land and Water Management Division
7th Floor, Mason Bldg.
Box 30028
Lansing, MI 48909
(517) 373-1170

Law Enforcement Division
4th Floor, Mason Bldg.
Box 30028
Lansing, MI 48909
(517) 373-1230

Parks Division
300 S. Washington Square
Box 30028
Lansing, MI 48909
(517) 373-1270

Recreation Division
300 S. Washington Square
Box 30028
Lansing, MI 48909
(517) 373-9900

Waste Management Division
Ottawa Building, South- First Floor
Box 30028
Lansing, MI 48909
(517) 373-2730

Wildlife Division
6th Floor, Mason Bldg.
Box 30028
Lansing, MI 48909
(517) 373-1263

United States Forest Service: Under the direction of the Department of Agriculture, the USFS administers three national forests here in Michigan. All three national forests have education materials for educators dealing with forest ecology concepts. Please contact the following national forests to obtain the materials available to you.

Hiawatha National Forest
Forest Service Office
2727 N. Lincoln Road
Escanaba, MI 49829
(906) 786-4062

Huron/Manistee National Forest
421 S. Mitchell St.
Cadillac, MI 49601
(616) 775-2421

U.S.F.S, State Office
1407 S. Harrison Road
East Lansing, MI 48823
(517) 355-7740

Ottawa National Forest
Box 276
Watersmeet, MI 49969
(906) 358-4724

National Park Service: Under the direction of the Department of the Interior, the NPS administers two national lakeshores and one national park here in Michigan. All three have educational materials. Please contact the following for more information.

Isle Royale National Park
87 North Ripley St.
Houghton, MI 49931
(906) 482-0986

Pictured Rocks Nat. Lakeshore
Box 40
Munising, MI 49862
(906) 387-2607

Sleeping Bear Dunes National Lakeshore
Box 277
9922 Front Street (Hwy M-72)
Empire, MI 49630
(616) 352-9611

United States Fish and Wildlife Service: Under the direction of the Department of the Interior, the USFWS administers two national wildlife refuges in Michigan. Both refuges and the state office have educational material. Please contact the refuges listed below or the U.S. Fish and Wildlife State Office at 1405 East Harrison Road, Lansing, MI 48823, (517) 337-6652.

Seney National Wildlife Refuge
Seney, MI 49883
(906) 586-9851

Shiawassee National Wildlife Refuge
6975 Mower Road
Route 1
Saginaw, MI 48601
(517) 777-5930

17

Michigan Association of Conservation Districts (MACD): Created in 1941 by local conservation districts, the association coordinates efforts of the 83 conservation district offices, one in every Michigan county. These district offices are administered by a five-person board of locally elected citizens. Both technical and educational assistance are available from county offices. For information, contact your local office listed in the phone book under County Government or contact the state office at 1405 South Harrison Road, East Lansing, MI 48823, (517) 337-6778.

United States Soil Conservation Service: Under the direction of the Department of Agriculture, the SCS works in cooperation with the Michigan Association of Conservation Districts (MACD). The SCS shares office space in each Michigan county with the conservation districts and provides technical staff. Please contact your local office, listed in the phone book under Federal Government or contact the state office at 1405 South Harrison Road, East Lansing, MI 48823, (517) 337-6699.

United States Cooperative Extension Service: Under the direction of the U.S. Dept. of Agriculture, the Cooperative Extension Service was created in 1914 and has an office at each state land grant university. Michigan State University is the home for the Cooperative Extension Service office here in the state. The Extension Service has programs in four areas: Home Economics, Agriculture, 4-H, and Natural Resources/Public Policy. Each county in Michigan has a Cooperative Extension Service office, which provides technical and educational assistance in these areas. For more information, please contact your county office, listed in the phone book under County Government, or contact the AEE Resource Center at Michigan State University, Agriculture Hall, East Lansing, MI 48824, (517) 355-2308. For specific information regarding youth environmental education programs, contact: Youth Specialist, Dept. of Fisheries & Wildlife, MSU, E. Lansing, MI 48824.

Michigan Sea Grant College Program: a cooperative effort of The University of Michigan and Michigan State University - conducts research, offers graduate level educational opportunities, and provides Great Lakes information to Michigan citizens. Michigan Sea Grant Extension seeks to create and enhance public awareness of the issues and problems affecting the state's Great Lakes resources. Sea Grant is funded by the U.S. Department of Commerce, U.S. Department of Agriculture and the State of Michigan. Sea Grant headquarters are located at either Michigan State University, 334 Natural Resources Building, East Lansing, MI 48824-1222, (517) 353-9568 and at The University of Michigan, 2200 Bonisteel Blvd., Ann Arbor, MI 48109, (313) 763-1437.

Michigan Industries With Educational Materials

Consumers Power
212 W. Michigan Ave.
Jackson, MI 49201
(517) 788-0550

Detroit Edison
2000 Second Ave.
Room 1004 G.O.
Detroit, MI 48226
(313) 237-7467

Mead Paper Company
Box 1008
Escanaba, MI 49829
(906) 789-0027

MichCon
Guardian Building
500 Griswold
Detroit, MI 48226
(313) 256-5123

United Auto Workers
Conservation Department
8000 E. Jefferson
Detroit, MI 48214
(313) 926-5269

National or Regional Nonprofit Environmental & Conservation Groups

Acid Rain Information Clearinghouse
33 South Washington St.
Rochester, NY 14608
(716) 546-3796

Alliance for Env. Education
Box 1040
3421 M Street, NW
Washington, DC 20007
(202) 797-4530

American Fisheries Society
5410 Grosvenor Lane
Bethesda, MD 20814
(301) 897-8616

American Forest Institute
1619 Massachusetts Ave., NW
Washington, DC 20036
(202) 797-4500

Boy Scouts of America
National Office
1325 Walnut Hill Lane
Irving, TX 75038-3096
(214) 580-2000

Conservation Education Assoc.
Robert O. Ellingson
Wisconsin DNR
Box 7921
Madison, WI 53701

Ducks Unlimited
National Office
One Waterfowl Way
Long Grove, IL 60047
(312) 438-4300

Earthwatch
680 Mt. Auburn Street
Box 403
Watertown, MA 02272
(617) 926-8200

Girl Scouts of America
National Office
830 3rd. Ave.
New York, NY 10022
(212) 940-7500

Great Lakes United
24 Agassiz Circle
Buffalo, NY 14214
(716) 886-0142

Institute for Earth Education
Box 288
Warrenville, IL 60555

International Joint Commission
Box 32869
Detroit, MI 48232
(313) 226-2170

Izaak Walton League of America
1701 N. Ft. Myer Dr., Suite 1100
Arlington, VA 22209
(703) 528-1818

National Audubon Society
950 Third Ave.
New York, NY 10022
(212) 832-3200

National Rifle Assoc. of America
1600 Rhode Island Ave., NW
Washington, DC 20036
(202) 828-6000

Nat. Shooting Sports Foundation
Box 1075
Riverside, CT 06878
(203) 637-3618

National Wildlife Federation
1412 Sixteenth St., NW
Washington, DC 20036-2266
(202) 797-6800

Nature Conservancy
Suite 800, 1800 N. Kent St.
Arlington, VA 22209
(703) 841-5300

Pheasants Forever
Box 75473
St. Paul, MN 55175
(612) 481-7142

Rails-to-Trails Conservancy
1701 K St., NW, Suite 304
Washington, DC 20006
(202) 659-8520

National Organizations Continued

Ruffed Grouse Society
1400 Lee Drive
Coraopolis, PA 15108
(412) 262-4044

Sport Fishing Institute
1010 Massachusetts Ave., NW
Washington, DC 20001
(202) 898-0770

Trout Unlimited
National Headquarters
501 Church St., NE
Vienna, VA 22180

Wildlife Management Institute
Suite 725, 1101 14th St., NW
Washington, DC 20005
(202) 371-1808

Worldwatch Institute
1776 Massachusetts Ave., NW
Washington, DC 20036
(202) 452-1999

World Wildlife Fund-U.S.
1255 23rd St., NW
Washington, DC 20037
(202) 293-4800

Sierra Club
730 Polk St.
San Francisco, CA 94109
(415) 776-2211

The Society of American Foresters
5400 Grosvenor Lane
Bethesda, MD 20814
(301) 897-8720

Wildlife Information Center
629 Green St.
Allentown, PA 18102
(215) 434-1637

Wildlife Society
5410 Grosvenor Lane
Bethesda, MD 20814
(301) 897-9770

World Resources Institute
1735 New York Ave., NW
Washington, DC 20036
(202) 638-6300

Section 2

Section two (2) of the conservation catalog is a listing of nature centers, outdoor education centers, prominent zoological parks, and museums which stress natural history education. In addition, state parks and similar facilities, which have interpretive or educational visitor centers, are also included. These are especially good resources for those of you looking for interesting field trips within reasonable traveling distance. These facilities are listed within each of our eight designated regions. Use this list along with our map on page 1 to find those closest to you. Only addresses and telephone numbers are listed. Please call individual facilities to make field trip arrangements.

Since many schools have trouble getting funding for field trips, we have listed those field trips which will come to schools. These are organizations which send resource people to schools as well as some free lance traveling naturalists. Besides a listing of addresses and telephone numbers, we have also included the audience type for which the presentation is best suited, audience size limitations, presentation length, fee, and regions within which the presentations are offered. A brief program description is included as well.

Please note that nearly every Michigan nature center we contacted had various traveling naturalist programs. We did not include them in the descriptions due to space limitations. Therefore, we encourage you to refer to the listing of nature centers and contact them to inquire about traveling naturalist presentations.

List of Michigan Nature Centers and Outdoor Education Facilities

REGION 1

Ottawa National Forest
Visitor/Interpretive Center
Box 276
Watersmeet, MI 49969
(906) 358-4724

Porcupine Mountains Wilderness
State Park
Visitor/Interpretive Center
599 M-107
Ontonagon, MI 49953
(906) 885-5275

REGION 2

Hiawatha National Forest
Visitor/Interpretive Center
2727 North Lincoln Road
Escanaba, MI 49829
(906) 786-4062

Pictured Rocks National Park
Grand Marais Visitor Center
Coast Guard Point
Grand Marais, MI 49839
(906) 387-2607

Pictured Rocks National Park
Munising Falls Visitor Center
Intersection of M-28 and H-58
Munising, MI 49826
(906) 387-2607

Seney Refuge Visitor Center
Seney National Wildlife Refuge
Seney, MI 49883
(906) 586-9851

REGION 3

Au Sable Institute of Env. Studies
7526 Sunset Trail, NE
Mancelona, MI 49659
(616) 587-8686

Sleeping Bear Dunes Visitor Center
Box 277
9922 Front St. (Hwy. M-72)
Empire, MI 49630
(616) 326-5134

Grass River Natural Area
Box 231
Bellaire, MI 49615
(616) 533-8576

Thorne Swift Nature Center
6696 Lower Shore Drive
Harbor Springs, MI 49740
(616) 526-6401

REGION 4

Hartwick Pines Inter. Center
Hartwick Pines State Park
R#3, Box 3840
Grayling, MI 49738
(517) 348-7068

SEE North (Science and Environmental
Education - North)
U of Michigan Biological Station
Pellston, MI 49769
(616) 539-8406

Old Mill Creek State
Historical Park
Mackinaw City, MI 49701
(616) 436-7301

REGION 5

Blanford Nature Center
1715 Hillburn Ave., NW.
Grand Rapids, MI 49504
(616) 453-6192

CMU Museum
124 Rowe Hall
Central Michigan University
Mt. Pleasant, MI 48859
(517) 774-3829

REGION 5 Continued

De Graff Nature Center
Holland Parks Department
600 Graafschap Road
Holland, MI 49423
(616) 396-2739

Gillette Nature Center
P.J. Hoffmaster State Park
Muskegon, MI 49441
(616) 798-3573

Howard Christensen Nature Center
2650 E. Beltline Road, SE
Grand Rapids, MI 49506
(616) 949-7270

John Ball Zoological Gardens
201 Market St., SW
Grand Rapids, MI 49503
(616) 776-2591

Kettunen Center
Andrea Grix
Trackers Program
Tustin, MI 49688
(616) 829-3421

Neithercut Woodland and Wakelin
Mc Neel Nature Center
Farwell, MI 48622
c/o Department of Biology
Central Michigan University
Mt. Pleasant, MI 48859
(517) 774-3412

REGION 6

Chippewa Nature Center, Inc.
400 S. Badour, R#9
Midland, MI 48640
(517) 631-0830

For-Mar Nature Preserve
G-5360 E. Potter Road
Burton, MI 48506
(313) 736-7100

Green Point Nature Center
3010 Maple Street
Saginaw, MI 48601
(517) 776-1669

Hartley Outdoor Education Center
12633 Beaver Road
St. Charles, MI 48655
(517) 865- 6295

Jennison Trailside Nature Center
and Tobica Marsh
3582 State Park Drive
Bay City, MI 48706
(517) 684-3020

Ligon Land For Learning
Genessee Intermediate School Dist.
2413 West Maple Ave.
Flint, MI 48507
(313) 768-4488

Seven Ponds Nature Center
3852 Crawford Road
Dryden, MI 48428
(313) 796-3419

REGION 7

Battle Creek Outdoor Education Center
10160 Bedford
Dowling, MI 49050
(616) 721-8161

Binder Park Zoo
7400 Division Drive
Battle Creek, MI 49017
(616) 979-1351

Celery Flats Interpretive Center
7335 Garden Lane
Portage, MI 49002
(616) 329-4522

Charlton Park Museum & Village
2545 S. Charlton Park Road
Hastings, MI 49058
(616) 945-3775

REGION 7 Continued

Eberhard Outdoor Education Center
Corey Lake RR#5
Three Rivers, MI 49093
(616) 244-5125

Ebersole Environmental Ed. Center
3400 Second St.
Wayland, MI 49348
(616) 792-6284

Fernwood Nature Center
1720 Range Line Road
Niles, MI 49120
(616) 695-6491

Kalamazoo Nature Center
7000 N. Westnedge Ave.
Kalamazoo, MI 49007
(616) 381-1575

Kellogg Bird Sanctuary
12685 East C Ave.
Augusta, MI 49012
(616) 671-2510

Kingman Museum of Natural History
W. Michigan Ave. & 20th
Battle Creek, MI 49017
(616) 965-5117

Kresge Environmental Ed. Center
2816 Fish Lake Road
Lapeer, MI 48446
(313) 667-2350

Love Creek Nature Center
2231 Huckleberry Road
Berrien Center, MI 49102
(616) 471-2617

Michigan Fisheries Interpretive Center
Wolf Lake Fish Hatchery
34270 County Road 652
Mattawan, MI 49071
(616) 668-3388

Sarrett Nature Center
2300 Benton Center Road
Benton Harbor, MI 49022
(616) 927-4832

Whitehouse Nature Center
Albion College
Albion, MI 49224
(517) 629-5511 ext. 292

Woldumar Nature Center
5539 Lansing Road
Lansing, MI 48917
(517) 322-0030

REGION 8

Ann Arbor Hands-On Museum
219 East Huron
Ann Arbor, MI 48104
(313) 995-5439

Belle Isle Nature Center, Zoo,
and Aquaria
Belle Isle Urban Park
Detroit, MI 48207
(313) 824-6077 ext. 8

Birmingham Env. Ed. Center
23400 West 13 Mile Road
Birmingham, MI 48010
(313) 644-9310

Camp Tamarack
4361 Perryville Road
Ortonville, MI 48462
(313) 627-2821

Carl G. Fenner Arboretum
2020 E. Mt. Hope
Lansing, MI 48910
(517) 483-4224

Cranbrook Nature Center and the
Natural History and Science Museum
Box 801, 500 Lone Pine Road
Bloomfield Hills, MI 48013
(313) 645-3232

Dahlem Environmental Education
Center
Jackson Community College
2111 Emmons Road
Jackson, MI 49201
(517) 787-0800

Detroit Science Center
5020 John R. St.
Detroit, MI 48202
(313) 833-1892

REGION 8 Continued

Detroit Zoological Park
Box 39
Royal Oak, MI 48608
(313) 398-0903

Drayton Plains Nature Center
2125 Denby Drive
Drayton Plains, MI 48020
(313) 674-2119

Howell Nature Center
1005 Triangle Lake Road
Howell, MI 48843
(313) 532-7812

Independence Oaks Nature Center
Oakland County Parks
9501 Sashabaw Road
Clarkston, MI 48016
(313) 625-6473

E.J. Johnson Nature Center
3325 Franklin Road
Bloomfield Hills, MI 48013
(313) 335-0204

Matthaei Botanical Gardens
1800 Dixboro Road
Ann Arbor, MI 48913
(313) 764-1168

MSU Museum
West Circle Drive
Michigan State University
East Lansing, MI 48824
(517) 355-7474

Potter Park Zoological Gardens
1301 South Pennsylvania Ave.
Lansing, MI 48912
(517) 483-4221

Stoney Creek Nature Center
4100 Inwood Road
Romeo, MI 48065
(313) 781-4621

Dinosaur Hill Nature Preserve
333 North Hill Circle
Rochester, MI 48063
(313) 656-0999

Hidden Lake Gardens
M-50
Tipton, MI 49287
(517) 431-2060

Impression 5 Science Museum
200 Museum Drive
Lansing, MI 48933
(517) 485-8115

Indian Springs Nature Center
Huron-Clinton Metropark
5200 Indian Trail Route #2
Clarkston, MI 48016
(313) 685-1561 ext. 482

Kensington Nature Center
Huron-Clinton Metropark
2240 West Buno Road
Milford, MI 48042
(313) 685-1561

Metro Beach Nature Center
Huron-Clinton Metropark
31300 Metro Parkway
Box 1037
Mt. Clemens, MI 48046
(313) 227-2757

Oakwoods Nature Center
Huron-Clinton Metropark
Box 332
Flatrock, MI 48134
(313) 697-9181 ext. 40

Sterling Heights Nature Center
40555 Utica Road
Sterling Heights, MI 48077
(313) 739-6730

Tollgate
Michigan State University
28115 Meadowbrook Road
Novi, MI 48050
(313) 349-2816

REGION 8 Continued

Troy Outdoor Education Center
6685 Coolidge
Troy, MI 48098
(313) 524-3567

University of Michigan
Exhibit Museum of Natural History
1109 Geddes Ave.
Ann Arbor, MI 48109
(313) 764-0478

Upland Hills Ecological Awareness Center
2575 Indian Lake Road
Oxford, MI 48051
(313) 693-1021

Walled Lake Outdoor Ed. Center
3577 Seeth Road
Milford, MI 48042
(313) 685-2600

Waterloo Nature Center
Gerald Eddy Geology Center
17030 Bush Road
Chelsea, MI 48118
(313) 475-8069

Traveling Naturalist/Science Outreach Presentations

Wildlife Discovery
Michigan United Conservation Clubs (MUCC)
2101 Wood St., Box 30235
Lansing, MI 48909
(517) 371-1041

Audience: 1st grade
Audience Size: 30 or less
Length: 30 minutes
Fee: None
Regions: 5,6,7,8

Description: Classroom presentation utilizing various visual aids and emphasizing differences between wild and tame animals. Students receive free poster and an activity sheet.

Wildlife Discovery
Michigan United Conservation Clubs (MUCC)
2101 Wood St., Box 30235
Lansing, MI 48909
(517) 371-1041

Audience: 4th Grade
Audience Size: 30 or less
Length: 1 hour
Fee: None
Regions: 5,6,7,8

Description: Classroom presentation utilizing wildlife skulls, slide program, and simulation game to introduce basic wildlife ecology concepts. These include predator/prey relationships, carrying capacity, and human impact on wildlife. Students receive free poster and Tracks magazine.

Wildlife Encounters
Michigan United Conservation Clubs (MUCC)
2101 Wood St., Box 30235
Lansing, MI 48909
(517) 371-1041

Audience: 1st grade - adult
Audience Size: Up to 350
Length: 1 hour
Fee: $100/ $125
Regions: 1,2,3,4,5,6,7,8

Description: Assembly presentation utilizing "live" birds of prey to teach various ecological topics. These animals are permanently disabled and cannot be returned to the wild. This program is conducted in cooperation with the Michigan State University Wildlife Rehabilitation Center, College of Veterinary Medicine

Living Science
Living Science Foundation
40400 Grand River
Suite F
Novi, MI 48050
(313) 478-1999

Audience: K - 12
Audience Size: 30 or less
Length: 45 minutes
Fee: $120/ first program,
$50/ additional programs
(Locations over 2 hours away will have to pay mileage)
Regions: 1,2,3,4,5,6,7,8

Description: Young learners will discover that science can come alive through hands-on contact with live animals in your classroom. Teachers are provided with pre- and post-visit materials and a worksheet for each student that follows up the important concepts they have learned during the presentation.

Sky Enterprises
Betty J. Mattson
805 Waverly Ave.
Grand Haven, MI 49417
(616) 846-4254

Audience: Jr. High - Adult
Audience Size: 30 or less
Length: 30 - 60 Minutes
Fee: $25 Standard (Plus mileage)
Regions: 5,7

Description: Select from any one of several natural history programs, including wetlands, wildlife and succession. Handouts are included with each presentation.

The Past in Person
Michael Deren
2640 Powell
Ann Arbor, MI 48104
(313) 663-9634

Audience: 1st Grade - Adult
Audience Size: 200 - 300
Length: 30 - 60 minutes
Fee: $150 for 45 minutes, $250 per half-day.
Regions: 1,2,3,4,5,6,7,8

Description: This is a multifaceted, audience-centered program that educates participants about the past. Choose from the Lumberjack/Shanty Boy, Canal Boat Captain, Civil War Musician, Scottish Iron Worker, or the 1875 Great Lakes Schooner Captain, for your program.

Visit With A Park Ranger In Your Classroom
Gregg L. Bruff, Park Interpreter
Pictured Rocks National Lakeshore
Box 40
Munising, MI 49862
(906) 387-2607

Audience: K-12
Audience Size: 30 or less
Length: 45-50 minutes
Fee: None
Regions: 1,2

Description: Through a variety of media, including slide presentations, role playing, and hands-on activities, your students will explore the natural and cultural heritage of our region. Programs incorporate such topics as wildlife, acid rain, and national park history.

A Window To America's Early History
Anglau Hoover
Route 3, Box 3792
Grayling, MI 49738
(517) 348-7068

Audience: K - Adult
Audience Size: 60 or Less
Length: 1 Hour
Fee: $100 + $.20 a mile after 100 miles.
Regions: 3,4, and parts of 2,5 and 6.

Description: The following programs are presented; "The Fur Trade," a description of the life and times of an early 18th century fur trader; "The French And Indian War," as seen through the eyes of a corporal in the Michilimackinac Company of Light Infantry; "Johnny Reb," the reality and maybe a little humor from the Southern Confederacy.

Rent A Rambling Naturalist
Will and Sarah Reding
Kalamazoo Nature Center
7000 N. Westnedge Ave.
Kalamazoo, MI 4007
(616) 381-1575

Audience: Preschool - Adult
Audience Size: 150 or less
Length: 1 hour
Fee: $15/hour Naturalist Programs
$100 - $300 for Living History Programs.
Regions: 1,2,3,4,5,6,7,8

Description: The Naturalist programs include Michigan Reptiles, Mammals, Birds, Wildflowers, Trees, Wild Edibles, Orienteering, Survival, Backpacking and more. "Yas Ennya Oyaka," is a theatrical/educational presentation concerning Great Lakes mammals. Living History programs include "Prairie Pete and Sister Sarah," a theatrical/educational presentation on life-styles of the 1800s; "Aresfoot, Loon Lady of the Wilderness," natural history of the loon and other endangered bird species of Michigan.

Billy B.
Amy Chapman
4360 S. Hagadorn Road
Okemos, MI 48864
(517) 351-8888

Audience: K - 8
Audience Size: 150 or less
Length: 45 Minutes
Fee: $300/program,
$100/each additional program.
Regions: 1,2,3,4,5,6,7,8

Description: Billy B. is an extremely talented environmental educator. Through music and active movement, he'll get you and your kids turned on to swamps, trees, ecology, and anything else he sings about. He provides a unique and refreshing approach to sensitizing adults and children to nature.

Kathy & Bill Thomas (Naturalists)
584 Casemer
Lake Orion, MI 48035
(313) 693-1244

Audience: 1st - Adult
Audience Size: 30 or less
Length: Varies
Fee: Negotiable depending on distance traveled.
Regions: Please contact to arrange details.

Description: Nature-oriented programs available during evenings and certain days to schools and other groups. These presentations can be tailored to fit various age levels and time slots. All are presented on a fee basis which varies with the program, length of time, and distance traveled. The following programs are offered: Rainforest Review, Scaly Tales, Baptiste - A Visitor From the Past, and Skin and Bones.

Sheila Dailey
Storyteller
Box 2020
Mt. Pleasant, MI 48804-2020
(517) 772-3956

Audience: 1st - Adult
Audience Size: Assembly
Length: 45 Minutes
Fee: $350/program
$100/each additional program.
Regions: 1,2,3,4,5,6,7,8

Description: Sheila uses voice and gesture to create the images of Michigan's great past. She is flexible, creative, professional, and artistically skilled at her storytelling art and its implications for the regular classroom, gifted learners, and teachers who want to improve their teaching through effective instruction techniques.

SECTION 3

Section three (3) of the conservation catalog is a description of environmental education curricula. Those listed first are major, or lengthy, sets of materials which are commonly used by educators across the state. Address's and telephone numbers of those distributing the curricula are included. We have also tried to include cost of materials, grade level it is written for, and how easily available or obtainable it is (Some organizations require that educators attend a workshop to become familiar with the their teaching methods before the material can be obtained.

Materials listed under minor curricula are simply shorter and often more focused on a particular environmental concept. These materials are excellent and in many cases be easier for educators to integrate into their lesson plans.

All of these materials, major and minor, have specific teaching objectives and suggested activities for hands on involvement. We did not list every brochure or pamphlet written about environmental issues and concepts. Again, space and reality limit us from doing so. But many of the organizations listed in section one and facilities listed in section two have those types of materials and information. MUCC, for example, has fact sheets and pamphlets on many topics ranging from bird house design to forest succession.

The Class Project
National Wildlife Federation
8925 Leesburg Pike
Vienna, VA 22184
(703) 790-4279

Cost: $8.00 + $3.25 shipping and handling.
Availability: No restrictions.
Grade Level: Middle School

Description: A series of investigations and projects covering six content areas: Energy Use, Environmental Issues, Forest/Watershed Management, Hazardous Substances, Wetlands, and Wildlife Habitat Management. This three ring binder contains 134 pages of investigations and "hands-on" projects, designed to increase student involvement in community conservation projects. Published 1982.

Nature Scope
National Wildlife Federation
8925 Leesburg Pike
Vienna, VA 22184
(703) 790-4279

Cost: $6.00 per issue + $2.50 shipping and handling.
Availability: No restrictions.
Grade Level: K-7th

Description: A science and nature activity series with each issue covering specific ecological species and topics. These include Oceans, Mammals, Weather, Endangered Species, Trees, Insects, and others. Each issue is approximately 60-75 pages in length. There are currently 14 issues available.

Project Learning Tree
Mead Paper Company
Box 1008
Escanaba, MI 49829
(906) 789-0027

Cost: $5.00 per book.
Availability: Requires a six-hour training workshop.
Grade Level: two grade levels, K-6/7-12

Description: Two teacher guides (K-6, 7-12) are available with activities which offer opportunities for educators and students to develop awareness, knowledge, and skills.
The multidisciplinary activities are cross referenced by subject matter and environmental education goals. Guides include bibliographies, audio visual references and a framework of environmental education concepts, skills and attitudes.

Curriculum Units and Supplements Continued

WISE (Waste Information Series for Education)
Resource Recovery Division
Box 30241
Lansing, MI 48909
(517) 373-1444

Cost: None to Michigan schools.
$10 - $15 for individuals.
Availability: No restrictions.
Grade Level: K-12th

Description: WISE informs teachers how to educate students about solid waste issues through lesson plans and worksheets. Students gain a new appreciation for waste management and learn of ways that they, personally, can help in the fight against mounting waste and disposal problems.

OBIS (Outdoor Biology Instructional Strategies)
Box M
Nashua, NH 03061-6012
1-800-258-1302

Cost: $17.50/packet or $212.80/library.
Availability: No restrictions.
Grade Level: 3-12

Description: OBIS is a set of activities offering young people fun and challenging opportunities to investigate ecological relationships in their environment. The format, simple preparation, and short duration (usually one hour per activity) allows a classroom teacher, with little science background, to use the program. OBIS is used as a supplement to classroom activities, outdoor education programs, and environmental awareness projects.

Project Wild
Grand Rapids Junior College
Center for Environmental Study
Science Education Center
143 Bostwick N.E.
Grand Rapids, MI 49503
(616) 456-4848

Cost: $5.
Availability: Must attend a workshop.
Grade Level: K-High School

Description: This is an interdisciplinary, supplementary environmental and conservation education program for educators. The goal of this program is to assist learners of any age in developing awareness, knowledge, skills, and commitment to result in informed decisions, responsible behavior, and constructive actions concerning wildlife and the environment.
NOTE: This material is not yet available to Michigan educators. Contact the Center for Environmental Study for further details.

Curriculum Units and Supplements Continued

National Wildlife Week Kit
Michigan United Conservation Clubs
Box 30235
Lansing, MI 48909

Cost: $1.
Availability: Feb - March each year.
Grade Level: K - 8th

Description: For the past 50 years, the National Wildlife Federation (NWF) has chosen the third full week in March to celebrate America's wildlife resources. To aid educators, Wildlife Week packets are shipped to each state affiliate of the NWF for localized distribution. Each year a new theme is selected and new materials are designed for the theme. Michigan's NWF affiliate is the Michigan United Conservation Clubs. Please contact them for wildlife week packet each February.

4-H - Youth Programs
Cooperative Extension Service
Michigan State University
East Lansing, MI 48824
(517) 355-2308

Cost: Ranges from $.10 - $4.50/pub.
Availability: No restrictions.
Grade Level: K-12

Description: 4-H has developed material ranging from one-page fact sheets to 20-page booklets, which include natural history topics such as wildlife, wildflowers, wetlands, fishing, forestry, and entomology. A complete list of publications and prices can be requested at your county Cooperative Extension Service offices, or contact the MSU Bulletin Office, Box 6640, East Lansing, MI 48823-6640, (517) 355-0240.

Conserving Soil
Nat. Assoc. of Cons. Districts
Box 855
League City, TX 77573-9989

Cost: $8.50/Copy.
Availability: No restrictions.
Grade Level: 6th - 9th

Description: A booklet containing a series of activity sheets about soil conservation. Using them, students will find out not only how we degrade soils but also how we can conserve them for future use. Finally, students investigate several critical soil issues that will affect their lives and the lives of millions of people around the world.

To R.A.P. Or Not To R.A.P.
A Values Education Curriculum
For Middle School
Michigan DNR Law Enforcement Div.
RAP Education Program
Box 30028
Lansing, MI 48909
(517) 335-3422

Cost: Free on loan basis.
Availability: No restrictions
Grade Level: Middle School

Description: This material was designed to develop student skills in small group problem solving, especially in "values" education, using Michigan's "Report All Poaching" citizen participation program. Material includes a teachers guide, student workbook, handout materials, and five filmstrip and cassette tape presentations. It can be used in conjunction with a 16MM film on poaching, designed by the Law Enforcement Division of the Michigan DNR. The unit requires five to ten class periods to complete.

Groundwater Quality Protection in Oakland County: A Sourcebook
For Teachers
East Michigan Environmental Action Council
21220 W. Fourteen Mile Road
Birmingham, MI 48010
(313) 258-5188

Cost: $10.
Availability: No restrictions.
Grade Level: 4th - 8th

Description: The materials in this 77-page sourcebook are intended as a reference on groundwater quality protection. The characteristics of groundwater, the water cycle, and uses of groundwater are described in the first section. The second section addresses household hazardous materials -- both from a safety standpoint and a groundwater hazard standpoint. The third section provides information on groundwater threats in the community as a whole.

A Wild Grouse Chase
Ruffed Grouse Society
1400 Lee Drive
Coraopolis, PA 15108
(412) 262-4044

Cost: Please contact.
Availability: No restrictions.
Grade Level: 6th - 10th

Description: This is a Science, Technology and Society curriculum on ruffed grouse ecology and management. It places the student in the roles of both wildlife scientist and manager teaches scientific processes, group problem solving and social values of resources as well as ecology and natural resource management. Materials include a teacher manual, student manual, and a filmstrip/tape. Plans include for an abbreviated three week unit or full ten week unit.

Curriculum Units and Supplements Continued

Wastey Needs You
Home Chemical Awareness Coalition
405 Ag Hall, MSU
East Lansing, MI 48824

Cost: $1.
Availability: No restrictions.
Grade Level: 4th - 6th

Description: This is a guide to teach young people about household products which may be hazardous if used, stored, or disposed of improperly. It was designed with three major goals in mind: Understanding the waste cycle and the part each of us plays in it; identifying products found in the home which may be harmful if misused; learning ways to minimize hazardous waste problems through the wise purchase, use, storage, and disposal of household products. Background information and a variety of activities have been included to help you reach these goals.

Michigan Sand Dunes
Teachers' Guide
Michigan United Conservation Clubs
Box 30235
Lansing, MI 48909
(517) 371-1041

Cost: $.50.
Availability: No restrictions.
Grade Level: 4th - 12th

Description: This material presents information on dune facts, how the dunes were formed, geography of Michigan's sand dunes, life supported by the dunes, class activities, and a large vocabulary of environmental terms. This teachers guide can be used in conjunction with "Michigan Sand Dunes," a DNR video available at your regional educational media center. (Page 35)

The Clue That Burned Blue and
A Natural Gas Discovery
500 Griswold St.
Detroit, MI 48226
(313) 256-5123

Cost: Free.
Availability: No restrictions.
Grade Level: Elementary

Description: "The Clue That Burned Blue" is a teachers guide which covers the origins as well as safe and wise use of natural gas. It helps students learn more about natural gas and how to use it safely and wisely. This packet consists of 11 spirit duplicating masters from the "Have You Ever Met a Dinosaur?" activity booklet.

Rulers of the Sky
Nongame Wildlife Fund
Natural Heritage Program
Wildlife Division, Michigan DNR
Box 30028,
Lansing, MI 48909
(517) 373-1263

Cost: Free on loan basis.
Availability: Late fall 1989.
Grade Level: 6th - 12th

Description: The materials contained in this kit are designed to be used by school systems, other educational institutions, and governmental agencies. Their scope is appropriate for the general public. Presentation of all the components should span about three consecutive 50-minute classroom periods.

Investigating and Evaluating Environmental Issues and Actions Skill Development Modules
Stipes Publishing Company
10-12 Chester St.
Champaign, IL 61820
(217) 356-8391

Cost: Teacher Manuals $10.40
Student Manuals $8.40
Availability: No restrictions.
Grade Level: 6th - 9th

Description: Six modules take students from skills of identifying and investigating environmental issues to the skills of taking action to resolve issues. Module five allows students to use their newly developed investigative skills to analyze an issue of their choice. Module six causes them to consider action alternatives and consequences. Develops personal skills of finding and interpreting information and encourages personal responsibility for environmental quality. If entire unit is taught, it will require 10 to 20 weeks to complete.

Teachers/Leader's Guide to Michigan's Natural Resources
Michigan State Parks Division
Box 30028
Lansing, MI 48909
(517) 373-1270

Cost: Free
Availability: Only to Educators
Grade Level: 4th

Description: This guide, put together by the Parks Division of the MDNR and funded by Deep Woods Off Inc., includes nine units of study that cover the following subject areas: the State of Michigan, the Great Lakes, Michigan State Parks, Rocks and Minerals, Solid Waste, Trees, Unique Habitats, Insects and Wildlife. This booklet includes information on each subject area and worksheets and activities for each student.

Curriculum Units and Supplements Continued

Our Great Lakes Connection
University of Wisconsin - Madison
1450 Linden Drive
Madison, WI 53706
(608) 262-1377

Cost: Free
Availability: No Restrictions
Grade Level: K-8

Description: This 200-page curriculum guide contains two dozen activities, designed to help you share the fascination of the Great Lakes with your students. Each activity includes information about some aspect of the Great Lakes and directions for student activities which exercise skills of observation, creativity, inquiry, analysis, problem-solving, expression and others.

Dahlem Environmental Education Center Teacher Packets
Dahlem Center
7117 S. Jackson Rd.
Jackson, MI 49201
(517) 787-0806, Ext. 197

Cost: $3.00/Packet & $.25/Outline
Availability: No Restrictions
Grade Level: Elementary

Description: This curriculum consists of 14 units, each of which consists of a field trip outline and a comprehensive teacher packet of background information, pre/post-trip activities, student handouts, and references. Packet topics include: Nature's Hitchhikers, Animal Homes & Habitats, Spring Birds, Frogs & Toads, and Forests & Flowers.

Section 4

Section four (4) of the conservation catalog contains a variety of resources educators can use in the classroom to supplement their environmental science curricula. Appearing first are magazine publications, both local and national, which emphasize environmental and conservation issues. These are major publications which educators can use to keep up with current environmental events. There are children's magazines listed as well. These can be used in the classroom.

There are also many organizations which publish smaller newletters with good information. These can be found in section one with the prominent nonprofit organizations.

This section includes a list of Regional Education Media Centers (REMCs) which provide educators with films, videos, and some science equipment. Please use the map on page one along with this listing to locate your REMC.

Finally, it would not be possible to include a film and video listing of all those with environmental and conservation themes. We have, however, put together a list of companies and organizations which rent or loan outdoor films and videos. Please contact them for their individual film catalogs. In addition, be sure to check your local community library for audio-visual materials.

Science Publications with Frequent Emphasis on Environmental and Conservation Topics

"Michigan Out-of-Doors"
Michigan United Conservation Clubs (MUCC)
Box 30235, 2101 Wood St.
Lansing, MI 48909

Audience: High School/Adult
Published Monthly
Subscription Rate: $15/year
(Includes Membership)
Newsstand Copies: $1.95

"Michigan Natural Resources"
Michigan Department of Natural Resources
Box 30034
Lansing, MI 48909

Audience: High School/Adult
Published Bimonthly
Subscription Rate: $9.95/ yr.
Newsstand Copies: $3

"The Natural Resources Register"
Michigan Department of Natural Resources
Box 30028
Lansing, MI 48909

Audience: High School/Adult
Published Monthly
Subscription Rate: No Charge
Newsstand Copies: None

"International Wildlife"
National Wildlife Federation
8925 Leesburg Pike
Vienna, VA 22184

Audience: High School/Adult
Published Bimonthly
Subscription Rate: $15/year
(Includes Membership)
Newsstand Copies: None

"National Wildlife"
National Wildlife Federation
8925 Leesburg Pike
Vienna, VA 22184

Audience: High School/Adult
Published Bimonthly
Subscription Rate: $15/year
(Includes Membership)
Newsstand Copies: None

"Sierra"
Sierra Club
730 Polk St.
San Francisco, CA 94109

Audience: High School/Adult
Published Bimonthly
Subscription Rate: $33/year
(Includes Membership)
$15 for Nonmembers
Newsstand Copies: $2.50

"Audubon"
National Audubon Society
Membership Data Center
Box 2666
Boulder, CO 80322

Audience: High School/Adult
Published Bimonthly
Subscription Rate: $20/year
(Includes Membership)
Newsstand Copies: $4

"National Geographic Magazine"
National Geographic Society
17th and M Sts. N.W.
Washington, DC 20036

Audience: High School/Adult
Published Monthly
Subscription Rate: $18/year
Newsstand Copies: None

"Smithsonian"
Smithsonian Associates
900 Jefferson Drive
Washington, DC 20560

Audience: Adult
Published Monthly
Subscription Rate: $20/year
(Includes Membership)
Newsstand Copies: $2.50

"Natural History"
American Museum of Natural History
Central Park West at 79th St.
New York, NY 10024

Audience: High School/Adult
Published Monthly
Subscription Rate: $22/year
(Includes Membership)
Newsstand Copies: $2.50

"Environment"
Heldref Publications
400 Albemarle St., N.W.
Washington, DC 20016

Audience: High School/Adult
Published Monthly
Subscription Rate: $23/year
Newsstand Copies: $3

"World-Watch"
Worldwatch Institute
1776 Massachusetts Ave., NW
Washington, DC 20036

Audience: High School/Adult
Published Bimonthly
Subscription Rate: $20/year
Newsstand Copies: $5

"Discover"
Discover, Family Media Inc.
Box 359105
Palm Coast, FL 32035-9105

Audience: High School/Adult
Published Monthly
Subscription Rate: $27/year
Newsstand Copies: $2.50

"Omni"
Omni Publications International Ltd.
1965 Broadway
New York, NY 10023-5965

Audience: High School/Adult
Published Monthly
Subscription Rate: $24/year
Newsstand Copies: $3.50

"Outside"
Mariah Publications Corporation
Box 54729
Boulder, CO 80322-4792

Audience: High School/Adult
Published Monthly
Subscription Rate: $18/year
Newsstand Copies: $2.50

"Journal of Environmental Education"
Helen Dwight Reid Educational Foundation
4000 Albemarle St., N.W.
Washington, DC 20016

Audience: Adult
Published Quarterly
Subscription Rate: $43/year
Newsstand Copies: $10.75

Childrens Science Publications

"Tracks"
Michigan United Conservation Clubs (MUCC)
Box 30235
Lansing, MI 48909

Audience: Upper Elementary
Published Monthly Sept.-May
Subscription Rate: $5.00/yr.
Classroom Rate: (10 or more copies) $1.50/yr./student
Newsstand Copies: None

"Ranger Rick"
National Wildlife Federation
8925 Leesburg Pike
Vienna, VA 22180

Audience: Upper Elementary
Published Monthly
Subscription Rate: $10.50/yr.
Newsstand Copies: None

"Big Backyard"
National Wildlife Federation
8925 Leesburg Pike
Vienna, VA 22180

Audience: Lower Elementary
Published Monthly
Subscription Rate: $10/year
Newsstand Copies: None

"Zoobooks"
Wildlife Education, Ltd.
Box 85271, Suite 6
San Diego, CA 92138

Audience: Elementary Level
Published Monthly
Subscription Rate: $15.95 (for 10 issues) $1.95 single copy + shipping & handling
Newsstand Copies: None

"Audubon Adventures"
National Audubon Society
Membership Data Center
Box 2666
Boulder, CO 80322

Audience: Lower Elementary
Published Bimonthly
Subscription Rate: $30/year (Classroom rate for 32 copies of each issue)
Newsstand Copies: None

Regional Educational Media Center Locations by Region

REGION 1

Copper County ISD
600 Hecla St.
Hancock, MI 49930
(906) 482-4520

Marquette-Alger ISD
1103 West College Ave.
Marquette, MI 49855
(906) 226-3521

REGION 2

Eastern U.P. ISD
Old Library on Bingham Place
Sault Ste. Marie, MI 49783
(906) 632-3373

REGION 3

Traverse Bay Area ISD
2325 North Garfield
Traverse City, MI 49684
(616) 946-1300

Charlevoix-Emmet ISD
Mercer Boulevard
Charlevoix, MI 49720
(616) 547-9947

Wexford-Missaukee ISD
9901 East 36th Road
Cadillac, MI 49601
(616) 775-8541

REGION 4

C.O.P. ISD
6065 Learning Lane
Indian River, MI 49749
(616) 238-9394

REGION 5

Muskegon Area ISD
630 Harvey St.
Muskegon, MI 49442
(616) 777-2637

Gratiot-Isabella ISD
1131 East Center St.
Ithaca, MI 48847
(517) 875-5101

Kent ISD
2650 East Beltline, SE
Grand Rapids, MI 49506
(616) 949-7270

REGION 6

Bay-Arenac ISD
4228 Two Mile Road
Bay City, MI 48706
(517) 686-8081

Saginaw County ISD
6235 Gratiot Road
Saginaw, MI 48603
(517) 793-3760

Tuscola County ISD
4415 S. Seeger St.
Cass City, MI 48726
(517) 872-4212

Genesee ISD
2413 Maple Ave.
Flint, MI 48507
(313) 767-4310

Shiawassee County ISD
No Street Address
Corunna, MI 48817
(517) 743-3471

St. Clair County ISD
499 Range Rd. POCS #1
Marysville, MI 48040
(313) 364-8990

REGION 7

Ottawa Area ISD
13565 Port Sheldon Road
Holland, MI 49423
(616) 399-6940

Berrien County ISD
711 St. Joseph Ave.
Berrien Springs, MI 49103
(616) 471-7725

Kalamazoo Valley ISD
1819 E. Milham Road
Kalamazoo, MI 49002
(616) 381-4620

Calhoun County ISD
17111 G Drive North
Marshall, MI 49068
(616) 781-5141

REGION 8

Ingham ISD
210 State St.
Mason, MI 48854
(517) 676-1051

Jackson County ISD
6700 Browns Lake Road
Jackson, MI 49204
(517) 787-2800

Washtenaw ISD
1819 S. Wagner Road
Ann Arbor, MI 48106
(313) 994-8190

Oakland County ISD
2100 Pontiac Lake Road
Pontiac, MI 48054
(313) 858-1978

Macomb ISD
44001 Garfield Road
Mt. Clemens, MI 48044
(313) 286-8800

Monroe County ISD
1101 S. Raisinville Road
Monroe, MI 48161
(313) 242-5454

Lenawee County ISD
2946 Sutton Road
Adrian, MI 49221
(517) 263-8931

Wayne County ISD
33500 Van Born Road
Wayne, MI 48184
(313) 467-1300

Sources of Environmental Audio-Visual Materials

Audience Planners, INC.
5107 Douglas Fir Road
Calabasas, CA 91302
(818) 884-3100

Audio Visual Library Service
University of Minnesota
3300 University Ave. SE
Minneapolis, MN 55414
(612) 627-4270

Berlet Films
1646 W. Kimmel Road
Jackson, MI 49201
(517) 784-6969

Brauer Productions
402 Cass St.
Traverse City, MI 49684
(616) 941-0850

Consumers Power
212 W. Michigan Ave.
Jackson, MI 49201
(517) 788-0550

Cornell University
Distribution Center
7-8 Research Park
Ithaca, NY 14850
(607) 255-2000

Daisy Mfg. Co.
Special Market Programs
Box 220
Rogers, AK 72756
(501) 636-1200

Ducks Unlimited
One Waterfowl Way at Gilmer Road
Long Grove, IL 60047
(312) 438-4300

Eppinger Manufacturing Co.
Film Lending Department
6340 Schaefer Highway
Dearborn, MI 48126
(313) 582-3205

Forest History Society, Inc.
701 Vickers Ave.
Durham, NC 27701
(919) 682-9319

Georgia Department of Natural Resources
270 Washington St. SW
Atlanta, GA 30334
(404) 656-2833

Indiana University
Audio-Visual Center
Bloomington, IN 47405
(812) 335-2103

Karol Media
22 Riverview Drive
Wayne, NJ 07470-3191
(201) 628-9111

League of Women Voters of PA
Strawbridge & Clothier Bldg.
8th & Market St.
Philadelphia, PA 19105
(215) 627-7937

Michigan Department of Natural Resources
Film Service
Box 30028
Lansing, MI 48909
(517) 373-1227

MSU Instructional Media Center
Michigan State University
East Lansing, MI 48824
(517) 353-3960

Montana Department of Fish, Wildlife & Parks
Film Production Unit
MO Bldg.
Helena, MT 59601
(406) 444-2535

National Film Board of Canada
16th Floor
1251 Avenue of the Americas
New York, NY 10020-1173
(212) 586-5131

National Rifle Association
1600 Rhode Island Ave., NW
Washington, DC 20036
(202) 828-6000

Nature Conservancy
1815 N. Lynn St.
Arlington, VA 22209
(703) 841-5300

South Carolina Wildlife & Marine Resources Dept.
Film Section
Box 167
Columbia, SC 29202
(803) 734-3888

U.S. Environmental Protection Agency
Audio-Visual Library
26 W. St. Clair
Cincinnati, OH 45268
(513) 569-7701

University of Michigan
Michigan Media
University of Michigan Media Resources Center
400 Fourth St.
Ann Arbor, MI 48103
(313) 764-8298

University of Wisconsin
Bureau of Audio-Visual Instruction
1327 University Ave.
Box 2093
Madison, WI 53701
(608) 262-1644

National Audiovisual Center
National Archives and Records Service
8700 Edgeworth Drive
Capital Heights, MD 20743-3701
1-800-638-1300

National Parks and Conservation Organization
Office of Public Affairs
1701 18th St., NW
Washington, DC 20009
(202) 265-2717

National Wildlife Federation
Library
1412 16th St. NW
Washington, DC 20036
(202) 797-6800

Penn Fishing Tackle Mfg. Co.
3028 W. Hunting Park Ave.
Philadelphia, PA 19132
(215) 229-9415

U.S. Army Corps of Engineers
Public Affairs Office
North Central Division
536 S. Clark St.
Chicago, IL 60605
(312) 353-6400

U.S. Fish & Wildlife Service
Film Library
Federal Bldg., Fort Snelling
Twin Cities, MN 55111
(612) 725-3582

University of Minnesota
University Film & Video
Continuing Education and Extension
1313 Fifth St., SE
Suite 108
Minneapolis, MN 55414
(612) 627-4274

SECTION 5

Section five (5) of the conservation catalog lists conferences, workshops, seminars, and festivals where educators can improve their knowledge in regards to current environmental issues, ecological concepts, and outdoor living skills.

Some of these are only one day long while others are held over a weekend or longer. The sponsoring organizations along with address and telephone numbers are listed. Location, dates, and fees are also included. A brief description will outline the major purpose and agenda of the conference or workshop.

To help educators plan the school year well in advance, we have put together a calendar for 1990. This calendar includes celebrated dates of environmental importance as well as some dates for the seminars and festivals listed on previous pages. Even though these exact dates will change in upcoming calendar years, they will remain at the same general time each year.

Weekend Courses
Michigan United Conservation Clubs (MUCC)
Box 30235
Lansing, MI 48909
(517) 371-1041

Location: Ralph A. Mac Mullan Conference Center, Higgins Lake, MI
Dates: Sept. 29 - Oct. 1, 1989
Feb. 2 - 4, 1990
Fee: Room, board, and tuition,
$95 members
$105 nonmembers

Description: MUCC Weekend Courses provide educators opportunities to learn about their particular ecological interest. Approximately 10 hours of instruction in their topic, along with several optional programs, provide participants a chance to learn about birds, mammals, weather, geology, astronomy, outdoor skills, and more.

Higgins Lake Environmental School
Gay Cowles
Michigan Department of Natural Resources
Public Information
Box 30028
Lansing, MI 48909
(517) 373-2199

Location: Ralph A. Mac Mullan Conference Center, Higgins Lake, MI
Dates: July and August
Fee: Room and Board $195
Tuition - variable

Description: Each summer several Michigan universities conduct three separate week-long seminars dealing with the relationships between man and his environment. All participants must pay either tuition (for credits) or a noncredit fee which varies depending on the sponsoring university. These programs include resource people, materials, lectures, field trips, and discussions, all focused on providing participants with an understanding of critical environmental issues.

Outdoor Classroom
The Leelanau Center for Education
100 Old Homestead Road
Glen Arbor, MI 49636
(616) 334-3072

Conducted: Once a year at Sleeping Bear Dunes National Lakeshore.
Dates: 2nd week of June through the 1st week of August
Fee: $180

Description: This is a series of one-week outdoor natural history workshops which focus on the environmental resources of the Sleeping Bear Dunes National Lakeshore. These workshops cover topics ranging from photography to insects.

Workshops, Conferences and Festivals Continued

Seminar in Science Education
Outdoor Education Program
Dave Cross
4200 Wainwright
Lansing, MI 48911
(517) 887-3232

Location: Camp McGregor, Clark Lake, MI.
Dates: Jan-Feb, April-May, Sept-Oct.
Fee: EMU Tuition plus $50, includes lodging and food.

Description: This is a two credit outdoor education program, conducted by Eastern Michigan University at Camp McGregor in Clark Lake, Michigan. The program is offered three times a year and requires three weekends to complete. Seasonal activities and topics are discussed during the program. Teachers are introduced to things such as aquatics, insects, trees, animal homes, animal tracks and other environmental topics.

Annual Conference
Michigan Alliance for Environmental & Outdoor Education (MAEOE)
Box 4487
East Lansing, MI 48826-4487

Location: Varies
Dates: 1st full weekend in May each year.
Fee: Registration fee $32-$42
Room and board $25-$35

Description: Each spring this conference attracts 250-300 educators from across Michigan and neighboring states. A series of keynote speakers, environmental education workshops, outdoor skills seminars, and entertainment combine to make this an educating and fun-filled weekend.

Annual Conference
Michigan Science Teachers Association (MSTA)
c/o Office of Conferences and Institutes
Western Michigan University
Kalamazoo, MI 49008-5161
(616) 387-4174

Location: Lansing Community College
Dates: Third weekend in Feb. each year.
Fee: $25 member, $35 nonmember registration only, lodging varies on hotel rates, meals are not provided

Description: Exciting presentations in biology, chemistry, physics, earth science, outdoor education, and environmental science. This annual conference runs for two full days, with some 200 sessions and extensive exhibits.

Backyard Eco Conference
CACC
9496 School St.
Lake, MI 48632-9503
(517) 544-3318

Location: Camp Neyati, Lake, MI
Dates: Third weekend in May each year
Fee: $50 includes lodging, meals and registration.

Description: This weekend conference features several well known environmental experts as keynote speakers. They also offer a large selection of environmental workshops, recreation and live entertainment.

Great Lakes Wildlife Festival
Dahlem Environmental Education Center
7117 South Jackson Road
Jackson, MI 49201
(517) 782-3453

Location: Jackson Community College
Dates: Second weekend in March each year
Fee: Admission - $3.50/Adults $2.50/Students

Description: Formerly called the Bluebird Festival, this weekend gathering features a large display of wildlife paintings, photographers, speakers, and entertainers. Many Michigan environmental organizations and nature centers provide exhibits and displays. Environmental education programs are presented both days at no additional cost to the participant.

Outdoorama
Michigan United Conservation Clubs
2101 Wood St.
Lansing, MI 48912
(517) 371-1041

Location: Michigan State Fairgrounds, Detroit.
Dates: Feb. 23 - March 4, 1990.
Fee: $5.50/adult $3.00/student

Description: This 11-day sportshow is Michigan's largest exposition of outdoor products, equipment and services. Wildlife education displays are featured throughout the show. Live wildlife is also on exhibit in several areas.

Keep "Track" of Your Science Skills!
Pat Adams
Kalamazoo Nature Center
7000 N. Westnedge
Kalamazoo, MI 49007
(616) 381-1574

Location: Binder Park Zoo, W.K. Kellogg Biological Station, Kalamazoo Nature Center.
Dates: June, 1990.
Fee: $95.00, University credit available.

Description: This is a special short course for teachers of grades 3 - 8. This week-long program utilizes three of the outstanding Southwest Michigan nature facilities, Binder Park Zoo, W.K. Kellogg Biological Station and the Kalamazoo Nature Center.

Educational Seminars and Courses Outside of Michigan

Conservation Summits
National Wildlife Federation
1400 16th Street, NW
Washington, DC 20036-2266
(202) 797-5435

Rocky Mountain Seminars
The Rocky Mountain Nature Association
Rocky Mountain National Park
Estes Park, CO 80517
(303) 586-2371 ext. 294

Outward Bound
Outward Bound National Office
384 Field Point Road
Greenwich, CT 06830
1-800-243-8520

Field Courses
Nature Study Vacations
The Yellowstone Institute
Box 117
Yellowstone National Park, WY 82190
(307) 344-7381 ext. 2384

National Outdoor Leadership School
Box AA
Lander, WY 82520
(307) 332-6973

National Conferences

National Wildlife Federation
Annual Meeting
1400 16th Street, NW
Washington, DC 20036-2266
(202) 797-5435

Conservation Education Association and the North American Association for Environmental Education
Annual Conference
Conference Headquarters
Box 400
Troy, OH 45373
(513) 698-6493

Major Calendar Dates

January 1990

February 1990

- 2 Groundhog Day
- 2-4 MUCC Winter Weekend Courses
- 14-16 Michigan Science Teachers Association Meeting
- 23 MUCC Outdoorama Begins

March 1990

- 10-11 Great Lakes Wildlife Festival (Formerly the Bluebird Festival and Wildlife Art Show)

April 1990

- 15-21 Michigan Arbor Week
- 20 Michigan Arbor Day
- 22 Earth Day
- 22-28 National Wildlife Week
- 27 National Arbor Day

May 1990

- 1-6 Recyclers Week
- 18-26 Michigan Week

June 1990

- 9-10 Michigan Free Fishing Days

July 1990

- DNR Higgins Lake Environmental School

August 1990

- DNR Higgins Lake Environmental School

September 1990

- 22 National Hunting and Fishing Day
- 28 MUCC Fall Weekend Courses Begin

October 1990

November 1990

December 1990

INDEX

A
Acid Rain Information Clearinghouse, 15
Air Quality Division (MDNR), 11
Alliance for Environmental Education, 15
American Fisheries Society, 15
American Forest Institute, 15
Ann Arbor Hands-On Museum, 22
Au Sable Institute of Environmental Studies, 20
Audience Planners, Films, 47
Audio-Visual Library Service, 47
Audio-Visual Materials, 47-48
"Audubon," Magazine, 42
"Audubon Adventures", Magazine, 44

B
Backyard Eco Conference, 54
Battle Creek Outdoor Education Center, 21
Bay-Arenac ISD, 45
Belle Isle Nature Center, Zoo, and Aquaria, 22
Berlet Films, 47
Berrien County ISD, 46
"Big Backyard," Magazine, 44
"Billy B.," Interpretive Program, 27
Binder Park Zoo, 21
Birmingham Environmental Education Center, 22
Blanford Nature Center, 20
Boy Scouts of America, 15
Brauer Productions, Films 47

C
Calendar Dates, 56
Calhoun County ISD, 46
Camp Tamarack, 22
Carl G. Fenner Arboretum, 22
Celery Flats Interpretive Center, 21
Central Michigan University Museum, 20
Charlevoix-Emmet ISD, 45
Charlton Park Museum and Village, 21
Children's Science Publications, 44
Chippewa Nature Center, 21
Class Project (National Wildlife Federation), Curriculum, 32
Clue That Burned Blue, Curriculum, 36
Conferences, 52
Conservation Education Association, 15,55
Conservation Summits, 55
Conserving Soil, Booklet, 34
Consumers Power, 14,47
C.O.P. ISD, 45
Copper County ISD, 45
Cornell University, Films, 47
Cranbrook Nature Center and the Natural History and Science Museum, 22
Curriculum Units and Supplements, 32-38

D
Dahlem Environmental Education Center, 22, 38
Dailey, Sheila, Storyteller, 28
Daisy Manufacturing Company, Films, 47
DeGraff Nature Center, 21
Detroit Audubon Society, 7
Detroit Edison, 14
Detroit Science Center, 22
Detroit Zoological Park, 23
Dinosaur Hill Nature Preserve, 23
"Discover," Magazine, 43
Drayton Plains Nature Center, 23
Ducks Unlimited, 15,47

E
East Michigan Environmental Action Council (EMEAC), 8
Eastern U.P. ISD, 45
Eberhard Outdoor Education Center, 22
Ebersole Environmental Educational Center, 22
Ecology Center of Ann Arbor, The, 9
"Environment," Magazine, 43
Eppinger Manufacturing Company, Films, 47

F
Federal Government Resources in Michigan, 10
Fernwood Nature Center, 22
Festivals, 52
Field Courses, Nature Study Vacations, 55
Fisheries Division (MDNR), 11
Flint Environmental Action Team, 9
Forest History Society, Films, 47
Forest Management Division (MDNR), 11
For-Mar Nature Preserve, 21
Four-H (4-H), Youth Programs, 34

G
Genesse ISD, 45
Georgia Department of Natural Resources, Films, 47
Gillette Nature Center, 21
Girl Scouts of America, 15
Grass River Natural Area, 20
Gratiot-Isabella ISD, 45
Great Lakes United, 15
Great Lakes Wildlife Festival (Bluebird Festival), 54
Green Point Nature Center, 21
Groundwater Education in Michigan, 9
Groundwater Quality Protection in Oakland County, Curriculum, 35
Government Resources Here in Michigan, 11-13

H
Hartley Outdoor Education Center, 21
Hartwick Pines Interpretive Center, 20
Hiawatha National Forest, 12,20
Hidden Lake Gardens, 23
Higgins Lake Environmental School, 52
Howard Christensen Nature Center, 21
Howell Nature Center, 23
Huron/Manistee National Forest, 12

INDEX Continued

I
Impression 5 Science Museum, 23
Independence Oaks Nature Center, 23
Indiana University, Films, 47
Indian Springs Nature Center, 23
Ingham ISD, 46
Institute for Earth Education, 15
International Joint Commission, 15
"International Wildlife," Magazine, 42
Investigating and Evaluating Environmental Issues and Actions, 37
Isle Royale National Park, 12
Izaak Walton League of America, 15

J
Jackson County ISD, 46
Jennison Trailside Nature Center, 21
John Ball Zoological Gardens, 21
Johnson, E.J., Nature Center, 23
Journal of Environmental Education, 43

K
Kalamazoo Nature Center, 22
Kalamazoo Valley ISD, 46
Karol Media, Films, 47
Kellogg Bird Sanctuary, 22
Keep "Track" of Your Science Skills!, Workshop, 54
Kensington Nature Center, 23
Kent ISD, 45
Kettunen Center, 21
Kingman Museum of Natural History, 22
Kresge Environmental Education Center, 22

L
Land and Water Management Division (MDNR), 11
Law Enforcement Division (MDNR), 11
League of Women Voters of Pennsylvania, Films, 47
Lenawee County ISD, 46
Ligon Land for Learning, 21
Little Traverse Conservancy, 9
Living Science, Assembly Programs, 25
Love Creek Nature Center, 22

M
Macomb ISD, 46
Marquette-Alger ISD, 45
Matthaei Botanical Gardens, 23
Mead Paper Company, 14
Metro Beach Nature Center, 23
Michigan Alliance for Environmental and Outdoor Education (MAEOE), 6,53
Michigan Association of Conservation Districts (MACD), 13
Michigan Audubon Society, 7
Michigan Bow Hunters, 9
MichCon, 14

Michigan Conservation Foundation, 9
Michigan Department of Natural Resources, 11,42,47,52
Michigan Duck Hunters, 9
Michigan Environmental Council (MEC), The, 8
Michigan Fisheries Interpretive Center, 22
Michigan Industries with Educational Materials, 14
Michigan Lakes & Stream Association, 9
Michigan Loon Protection Agency, 9
Michigan Natural Areas Council, 9
"Michigan Natural Resources," Magazine, 42
Michigan Nature Association, 9
"Michigan Out-of-Doors," Magazine, 42
Michigan Recreation and Parks Association, 9
Michigan Recycling Coalition, 9
"Michigan Sand Dunes Teachers' Guide," Curriculum, 36
Michigan Science Teachers Association (MSTA) Conference, 53
Michigan Sea Grant College Program, 13
Michigan State University Instructional Media Center, Films, 47
Michigan State University Museum, 23
Michigan Trappers Association, 9
Michigan United Conservation Clubs (MUCC), 6,25,34,36,42,44,52
Michigan Wildlife Habitat Foundation, 9
Michigan Wild Turkey Federation, 9
Monroe County ISD, 46
Montana Department of Fish, Wildlife, and Parks, Films, 48
Museums, 18-21
Muskegon Area ISD, 45

N
National Audiovisual Center, Films, 48
National Audubon Society, 15
National Film Board of Canada, 48
"National Geographic Magazine," 43
National or Regional Nonprofit Environmental & Conservation Groups, 15-16
National Outdoor Leadership School, 55
National Parks and Conservation Organization, Films, 48
National Park Service, 12
National Rifle Association of America, 15,48
National Shooting Sports Foundation, 15
"National Wildlife," Magazine, 42
National Wildlife Federation, 15,48,55
National Wildlife Week Kit (MUCC), 34
Natural Gas Discovery, Curriculum, 36
"Natural History," Magazine, 43
"Natural Resources Register," Magazine, 42
Nature Centers, 20-24
Nature Conservancy, The (Michigan Chapter), 6
Nature Conservancy, The (National Chapter), 15,48
Nature Scope (National Wildlife Federation), 32
Neithercut Woodland and Wakelin Mc Neel Nature Center, 21
North American Association for Environmental Education, 55
Northern Michigan Environmental Action Council (NMEAC), 10

O
Oakland County ISD, 46
Oakwoods Nature Center, 23
Old Mill Creek State Historical Park, 20
"Omni," Magazine, 43
Ottawa Area ISD, 46
Ottawa National Forest, 12,20
"Our Great Lakes Connection", Curriculum, 38
Outdoorama, Michigan United Conservation Clubs, 54
"Outdoor Biology Instructional Strategies" (OBIS), 33
Outdoor Classroom, 52
Outdoor Education Centers, 20-24
"Outside," Magazine, 43
Outward Bound, Educational Course, 55

P
Parks Division (MDNR), 11
Past in Person, Interpretive Program, 26
Pennsylvania Fishing Tackle Manufacturing Company, Films, 48
Pheasants Forever, 15
Pictured Rocks National Lakeshore, 12,20
Porcupine Mountains Wilderness State Park, 20
Potter Park Zoological Gardens, 23
Project Learning Tree, Curriculum, 32
Project Wild, Curriculum, 33
Prominent Nonprofit MI Environmental and Conservation Organizations, 6-10
Public Interest and Resource Group in Michigan (PIRGIM), 10

R
Rails-to-Trails Conservancy, Michigan Chapter, 10
Rails-to-Trails Conservancy, National, 15
"Ranger Rick," Magazine, 46
R.A.P. or not to R.A.P., Curriculum, 35
Recreation Division (MDNR), 11
Regional Educational Media Centers (REMC), 45-46
"Rent a Rambling Naturalist," Interpretive Program, 27
Rocky Mountain Seminars, Rocky Mountain Nature Association, 55
Ruffed Grouse Society, 16
Rulers of the Sky, Curriculum, 37

S
Safari Clubs of Michigan, 10
Saginaw County ISD, 45
St. Clair County ISD, 45
Sarrett Nature Center, 22
Science and Environmental Education - North (SEE North), 10,20
Science Publications with Frequent Emphasis on Env. and Cons. Topics, 42-44
Seminar in Science Education, 53
Seney National Wildlife Refuge, 12
Seney Refuge Visitor Center, 20
Seven Ponds Nature Center, 21
Shiawassee County ISD, 45
Shiawassee National Wildlife Refuge, 12
"Sierra," Magazine, 42
Sierra Club, The (Michigan Chapter), 7
Sierra Club, The (National Chapter), 16
Sky Enterprises, Interpretive Program, 26

INDEX Continued

S

Sleeping Bear Dunes National Lakeshore, 12
Sleeping Bear Dunes Visitor Center, 20
"Smithsonian," Magazine, 43
Society of American Foresters, The, 16
South Carolina Wildlife & Marine Resources Department, Films, 48
Sport Fishing Institute, 16
Sterling Heights Nature Center, 23
Stoney Creek Nature Center, 23

T

Teachers/Leader's Guide to Michigan's Natural Resources, 37
Teachers Packets, Dahlem Environmental Education Center, 38
Thomas, Kathy & Bill, Interpretive Program, 27
Thorne Swift Nature Center, 20
Tip of the Mitt Watershed Council, 10
Tollgate, 23
"Tracks" (MUCC), Magazine, 44
Traveling Naturalist/Science Outreach Presentations, 25-28
Traverse Bay Area ISD, 41
Trout Unlimited, 16
Troy Outdoor Education Center, 24
Tuscola County ISD, 45

U

United Auto Workers, Environmental Education Division, 14
United States Army Corps of Engineers, Films, 48
United States Cooperative Extension Service, 13
United States Environmental Protection Agency, Films, 44
United States Fish and Wildlife Service, 12,48
United States Forest Service, 12
Unites States Soil Conservation Service, 13
University of Michigan, The, Films, 24,48
University of Minnesota, The, Films, 48
University of Wisconsin, The, Film, 48
U.P. Sportsmans Alliance, 10
Upland Hills Ecological Awareness Center, 24

V

Visit With a Park Ranger in Your Classroom, Interpretive Program, 26

W

Walled Lake Outdoor Education Center, 24
Washtenaw ISD, 46
Waste Information Series for Education (WISE), Curriculum, 33
Waste Management Division (MDNR), 11
Wastey Needs You, Curriculum, 36
Waterloo Nature Center, 24
Wayne County ISD, 46
Weekend Courses, MUCC, 52
West Michigan Environmental Action Council (WMEAC), 8

W

Wexford-Missaukee ISD, 45
Whitehouse Nature Center, 22
Wild Grouse Chase, Curriculum, 35
Wildflower Association of Michigan, 10
Wildlife Discovery (MUCC), Presentations, 25
Wildlife Division (MDNR), 11
Wildlife Encounters (MUCC), Presentations, 25
Wildlife Information Center, 16
Wildlife Management Institute, 16
Wildlife Society, 16
Window To America's Early History, Interpretive Program, 26
Woldumar Nature Center, 22
Workshops, Conferences and Festivals, 52-55
World Resources Institute, 16
World Wildlife Fund-U.S., 16
"World-Watch," Magazine, 43
Worldwatch Institute, 16

X

Y

Youth Programs, 4-H, 34

Z

"Zoobooks," Magazine, 44
Zoos, 18-21

ARE WE MISSING SOMETHING?

We realize that in the construction of this directory we omitted some resources that you may use in your environmental education efforts. We did so due to the lack of information available to us or the lack of a response to our inquiries. Some of the organizations omitted lacked educational materials altogether or lacked the material that we felt would be helpful to you.

We apologize for missing some of you. However, there are plans to update this directory annually. If you were left out and have educational materials that you feel should be included in this directory, please contact us and we will make every effort to include them when we update the directory.

Please use the following format to inform us of your ideas or materials and send them to: Kevin Frailey, Environmental Education Director, Michigan United Conservation Clubs, Box 30235, Lansing, MI 48909.

Thank You for Your Understanding,

Kevin Frailey
Kevin Frailey
Environmental Education Director

Sean Carruth
Sean Carruth
MUCC Educational Assistant

Your Name:_____ Title:_____

Address:_____

Club or Affiliation:_____

Daytime Phone Number:_____

Ideas, Resources, or Materials We Missed:_____

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